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Attorney Docket No.: 048512-000-20US

Assistant Commissioner for Patents
Washington, D.C. 20231

On November 7, 2002

TO WNSSEND and TOWNSEND and CREW LLP

By: [Signature]



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PATENT
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Lawrence Salkoff et al.

Application No.: 09/176,664

Filed: October 21, 1998

For: PH SENSITIVE POTASSIUM
CHANNEL IN SPERMATOCYTES

Examiner: Nirmal S. Basi

Art Unit: 1646

AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action mailed May 7, 2002, Applicants respectfully request reconsideration of the above-referenced patent application in view of the following amendments and remarks. A petition to extend the time of reply for three months from August 7, 2002 to November 7, 2002 is enclosed.

IN THE CLAIMS:

Please cancel claim 48 without prejudice to subsequence revival.

Please amend claim 1 as follows.

1. (four times amended) An isolated nucleic acid encoding a polypeptide monomer of a pH sensitive potassium channel, the monomer:

E1